Operation

• Connect tool to the mains.
• The mains connection cord should have the corresponding cross section area of conductor and should be fitted by an electric engineer.
• As required, push-fit appropriate nozzle or reflector.
• Adjust the hot air temperature via the **Potentiometer (4).**
• As required, reduce the air flow with the **regulating screw (3).**
• Make sure that the hot air can flow freely (fire hazard).
• The LEISTER Company, as well as the authorized Sales and Service Centres, offer advice and an introduction to the areas of application of hot air tools, free of charge (see page 1).
• After use, let the tool cool down by letting cold air flow through it (preventing warm air back pressure).

CAUTION:

The mains connection must have a device for disconnect all poles from the mains with a 3 mm distance between contacts.

In the event of functional interference (eg caused by the atmosphere disturbance or voltage fluctuations) the minimum air flow (page 2) should be adhered to, otherwise the tool could be damaged.

• Only LEISTER accessories must be used.
• Let the tool cool down before changing the nozzle or reflector.
• Temperature adjustment with external potentiometer.
• Temperature control signal with external control voltage (VDC).
• Temperature control with additional LEISTER cascade controller (KSR) should only be fitted and adjusted by the LEISTER Company.
• Repairs have to be carried out by authorised LEISTER Service Centres only. They guarantee a specialized and reliable repair service within 24 hours using original LEISTER spare parts.
• LEISTER Process Technologies rejects any guarantee claims for tools which are not in their original condition. The tools must never be altered or changed.

Technical data and specifications are subject to change without prior notice.

Your authorized Service Centre is: GUARANTEE AND LIABILITY SERVICE AND RE-PAIR SPECIAL FEATURES ACCESSORIES

Hausanschrift: LEISTER Process Technologies, Riedstrasse, CH-6060 Sarnen
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OPERATING INSTRUCTIONS

LEISTER ELECTRON

Please read operating instructions carefully before use and keep for fureference.

APPLICATION

• The ELECTRON is suitable for building into machines,installations and appliances and is designed for continuous operation.
• Drying and heating processes of various types.
• Shrinking and welding packaging films and moulded parts.
• Heating conveyor ovens or heat tunnels.
• Activating and loosening solvent free adhesives and melt adhesives.
• Sterilizing of packaging materials such as bottles, corks and containers.
• Smoothing the coating on pills, putting a shine on chocolates and cosmetic articles.
• Separating and fusing synthetic fibres and fabrics.
• Soldering processes on thin metal parts.
• Soldering and de-soldering SMD and thru-hole components.
• Speeding up mixing processes and dissolving foams which can arise during mixin filling
containers.
• Welding thermoplastic materials.
• Removing plastic mould flash and putting a shine on plastic surfaces.

WARNING

Danger! When opening up the tool live components and connections are exposed. Therefore, before opeiningit, disconnect all poles from the mains.

Incorrect installation and use of hot air tools can presenta **fire and explosion hazard.**

CAUTION

The **voltage rating** stated on the tool should correspondto the mains voltage.

Do not touch the element housing and nozzle when hot as they can cause **burns.** Do not point the hot air flow at people or animals.

Protect tool from **damp and wet.**

The equipment should not be operated **without supervision.**

TEST SIGNS

TECHNICAL DATA

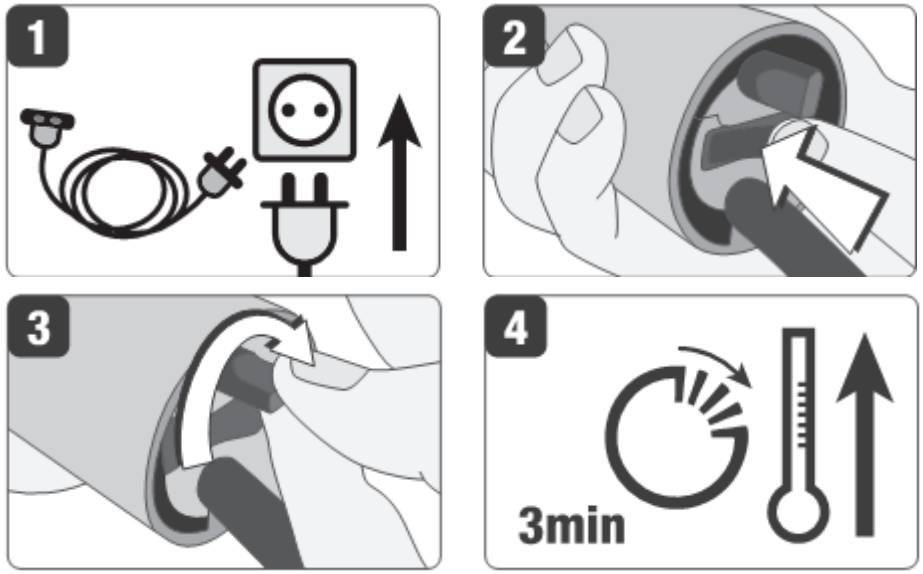
Order No. ELECTRON

Voltage	**V~**	120 / 200 / 230 / 230
Frequency	**Hz**	50-60
Capacity	**W**	2400 / 3400 / 2300 / 3400
Minimum air flow	**l/min.**	360
Noise	**Db(A)**	65
Maximum temperature	**°C**	40-650
Weight	**kg**	1.15

Installation

- only cold air is sucked in
- no (warm air) back pressure develops
- the hot air tool is not in direct line of another hot air tool.
- Protect the tool from vibration and shock.

Start-up



Switching Off